 <p>United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460</p> <p>UIC Federal Reporting System Part III: Inspections Mechanical Integrity Testing (This information is solicited under the authority of the Safe Drinking Water Act)</p>				<p>I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604</p> <p>Michigan DI Program</p>																																																																																																																																																																																																																																																																																																																																																																							
<p>II. Date Prepared (month, day, year) March 08, 2019</p>			<p>III. State Contact (name, telephone no.)</p>			<p>IV. Reporting Period (month, year)</p> <p>From October 1, 2009 To September 30, 2010</p>																																																																																																																																																																																																																																																																																																																																																																					
				<p>Class and Type of Injection Wells</p> <table border="1"> <thead> <tr> <th rowspan="2">Item</th> <th rowspan="2">I</th> <th colspan="3">II</th> <th rowspan="2">III</th> <th rowspan="2">IV</th> <th rowspan="2">V</th> </tr> <tr> <th>SWD 2D</th> <th>ER 2R</th> <th>HC 2H</th> </tr> </thead> <tbody> <tr> <td>V. Summary of Inspections</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Wells</td> <td>A</td> <td colspan="6">Number of Wells Inspected</td> </tr> <tr> <td></td> <td></td> <td>11</td> <td>138</td> <td>109</td> <td>0</td> <td>0</td> <td>542</td> </tr> <tr> <td rowspan="5">Total Inspections</td> <td rowspan="5">B</td> <td colspan="6">1. Number of Mechanical Integrity Tests (MIT) Witnessed</td> </tr> <tr> <td>6</td> <td>126</td> <td>103</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td colspan="6">2. Number of Emergency Response or Complaint Response Inspections</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="6">3. Number of Well Constructions Witnessed</td> </tr> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="6">4. Number of Well Pluggings Witnessed</td> </tr> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="6">5. Number of Routine/Periodic Inspections</td> </tr> <tr> <td></td> <td></td> <td>5</td> <td>11</td> <td>6</td> <td>0</td> <td>0</td> <td>132</td> </tr> <tr> <td rowspan="20">VI. Summary of Mechanical Integrity (MI)</td> <td rowspan="2">Total Wells</td> <td>A</td> <td colspan="6">Number of Wells Tested or Evaluated for Mechanical Integrity (MI)</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>2</td> <td>1</td> </tr> <tr> <td rowspan="3">B</td> <td rowspan="3">No. of Rule-Authorized Wells Tested/Evaluated for MIs</td> <td>Passed 2-part test</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Failed 2-part test</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="10">For Significant Leak</td> <td rowspan="10">C</td> <td colspan="2">1. Number of Annulus Pressure Monitoring Record Evaluations</td> <td>Well Passed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">2. No. of Casing/Tubing Pressure Tests</td> <td>Well Passed</td> <td>18</td> <td>136</td> <td>124</td> <td>0</td> <td>3</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>2</td> <td>3</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">3. Number of Monitoring Record Evaluations</td> <td>Well Passed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">4. No. of Other Significant Leak Tests/Evaluations (Specify)</td> <td>Well Passed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>9</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>11</td> </tr> <tr> <td colspan="2"></td> <td>Well Passed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td rowspan="8">For Fluid Migration</td> <td rowspan="8">D</td> <td colspan="2">1. Number of Cement Record Evaluations</td> <td>Well Passed</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">2. Number of Temperature/Noise Log Tests</td> <td>Well Passed</td> <td>5</td> <td>1</td> <td>1</td> <td>0</td> <td>11</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">3. No. of Radioactive Tracer/Cement Bond Tests</td> <td>Well Passed</td> <td>4</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">4. No. of Other Fluid Migration Tests/Evaluations (Specify)</td> <td>Well Passed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2"></td> <td>Well Failed</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td rowspan="5">VII. Summary of Remedial Action</td> <td rowspan="5">Total Wells</td> <td>A</td> <td colspan="6">Number of Wells with Remedial Action</td> </tr> <tr> <td>1</td> <td>27</td> <td>55</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td rowspan="4">B</td> <td colspan="6">1. Number of Casing Repaired/Squeeze Cement Remedial Actions</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="6">2. Number of Tubing/Packer Remedial Actions</td> </tr> <tr> <td>1</td> <td>26</td> <td>54</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td colspan="6">3. Number of Plugging/Abandonment Remedial Actions</td> </tr> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="6">4. Number of Other Remedial Actions (Specify)</td> </tr> <tr> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>						Item	I	II			III	IV	V	SWD 2D	ER 2R	HC 2H	V. Summary of Inspections								Total Wells	A	Number of Wells Inspected								11	138	109	0	0	542	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed						6	126	103	0	0	1	2. Number of Emergency Response or Complaint Response Inspections						0	1	0	0	0	0	3. Number of Well Constructions Witnessed								0	0	0	0	0	0	4. Number of Well Pluggings Witnessed								0	0	0	0	0	0	5. Number of Routine/Periodic Inspections								5	11	6	0	0	132	VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)						0	1	1	0	2	1	B	No. of Rule-Authorized Wells Tested/Evaluated for MIs	Passed 2-part test	0	0	0	0	0	Failed 2-part test	0	0	0	0	0							For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations		Well Passed	0	0	0	0	0			Well Failed	0	0	0	0	0	2. No. of Casing/Tubing Pressure Tests		Well Passed	18	136	124	0	3			Well Failed	0	2	3	0	0	3. Number of Monitoring Record Evaluations		Well Passed	0	0	0	0	0			Well Failed	0	0	0	0	0	4. No. of Other Significant Leak Tests/Evaluations (Specify)		Well Passed	0	0	0	0	9			Well Failed	0	0	0	0	11			Well Passed	0	0	0	0	0			Well Failed	0	0	0	0	0	For Fluid Migration	D	1. Number of Cement Record Evaluations		Well Passed	0	1	0	0	0			Well Failed	0	0	0	0	0	2. Number of Temperature/Noise Log Tests		Well Passed	5	1	1	0	11			Well Failed	0	0	0	0	0	3. No. of Radioactive Tracer/Cement Bond Tests		Well Passed	4	1	0	0	0			Well Failed	0	0	0	0	0	4. No. of Other Fluid Migration Tests/Evaluations (Specify)		Well Passed	0	0	0	0	0			Well Failed	0	0	0	0	0	VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action						1	27	55	0	1	0	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions						0	1	0	0	0	0	2. Number of Tubing/Packer Remedial Actions						1	26	54	0	1	0	3. Number of Plugging/Abandonment Remedial Actions								0	0	1	0	0	0	4. 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<p align="center">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>																																																																																																																																																																																																																																																																																																																																																																											
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Instructions and Definitions

All reporting is cumulative over the fiscal year, and includes activities from October 1 - September 30. All fields should contain a value. Do not leave blank fields. Enter 0 if there are no wells affected or no activities that occurred pertaining to the information requested. Enter NA if the field or section is not applicable to the submitter (e.g., the well type is not overseen by the submitter). Enter U if the information is unknown or not captured; fields designated as U require explanation.

Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system. An inspection is complete only when a report has been filed with the primacy agency.

Item A: For each well class, enter the number of wells that have been inspected as of the end of the reporting period. Enter each well only once.

Total Inspections (this federal fiscal year to date):

Item 1: For each well class, enter the number of inspections to witness field Mechanical Integrity Tests. (At least 25% of MITs performed by operators each year should be witnessed.)

Item 2: For each well class, enter the number of inspections that have been in response to a problem reported to the regulating authority.

Item 3: For each well class, enter the number of inspections of well constructions or any preoperational activities.

Item 4: For each well class, enter the number of inspections of plugging and abandonment.

Item 5: For each well class, enter the number of inspections that have been routine / periodic.

Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

Item A: For each well class, enter the total number of wells (i.e., permitted and rule authorized) that have had a complete MIT this federal fiscal year to date. Enter each well only once.

Item B: For each well class, enter the number of rule authorized wells that have passed a complete MIT and the number that have failed a complete MIT this federal fiscal year to date.

Item C: Significant Leak Tests: (this federal fiscal year to date)

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

Section VII. Summary of Remedial Action

A failure of mechanical integrity (MI) may occur at any time during the life of an injection well. Failure may be identified during an inspection, a field test, an evaluation of well records, or during routine operation of a well. Remedial actions include additional permit conditions, monitoring, or testing.

Item A: For each well class, enter the number of wells that have received remedial actions this federal fiscal year to date. Enter each well only once.

Total Remedial Actions: (this federal fiscal year to date):

Item 1-4: For each well class, enter the number of times that wells have received remedial action.


Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 5 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042

Approval Expires 4/30/22

 United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 UIC Federal Reporting System Part III: Inspections Mechanical Integrity Testing (This information is solicited under the authority of the Safe Drinking Water Act)				I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604 Michigan DI Program																
II. Date Prepared (month, day, year) March 08, 2019			III. State Contact (name, telephone no.)			IV. Reporting Period (month, year) From October 1, 2010 To September 30, 2011														
				Class and Type of Injection Wells																
				<table border="1"> <tr> <th rowspan="2">Item</th> <th rowspan="2">I</th> <th colspan="3">II</th> <th rowspan="2">III</th> <th rowspan="2">IV</th> <th rowspan="2">V</th> </tr> <tr> <th>SWD 2D</th> <th>ER 2R</th> <th>HC 2H</th> </tr> </table>						Item	I	II			III	IV	V	SWD 2D	ER 2R	HC 2H
Item	I	II			III	IV	V													
		SWD 2D	ER 2R	HC 2H																
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected		3	50	45	0	0	0	117									
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed		1	44	45	0	0	0	0									
			2. Number of Emergency Response or Complaint Response Inspections		0	0	0	0	0	0	0									
			3. Number of Well Constructions Witnessed		0	0	0	0	0	0										
			4. Number of Well Pluggings Witnessed		0	0	0	0	0	0										
			5. Number of Routine/Periodic Inspections		2	6	0	0	0	0	1									
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)		0	0	0	0	0	0	0									
		B	No. of Rule-Authorized Wells Tested/Evaluated for MIs	Passed 2-part test	0	0	0	0	0	0	0									
				Failed 2-part test	0	0	0	0	0	0	0									
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			2. No. of Casing/Tubing Pressure Tests	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			3. Number of Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			4. No. of Other Significant Leak Tests/Evaluations (Specify)	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
	For Fluid Migration	D	1. Number of Cement Record Evaluations	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			2. Number of Temperature/Noise Log Tests	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			3. No. of Radioactive Tracer/Cement Bond Tests	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			4. No. of Other Fluid Migration Tests/Evaluations (Specify)	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
	VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action																
Total Remedial Actions		B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions																	
			2. Number of Tubing/Packer Remedial Actions																	
			3. Number of Plugging/Abandonment Remedial Actions																	
			4. Number of Other Remedial Actions (Specify)																	
VIII. Remarks/Ad Hoc Report (Attach additional sheets)																				
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																				
Signature and Typed or Printed Name and Title of Person Completing Form									Date		Telephone No.									

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Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system. An inspection is complete only when a report has been filed with the primacy agency.

Item A: For each well class, enter the number of wells that have been inspected as of the end of the reporting period. Enter each well only once.

Total Inspections (this federal fiscal year to date):

Item 1: For each well class, enter the number of inspections to witness field Mechanical Integrity Tests. (At least 25% of MITs performed by operators each year should be witnessed.)

Item 2: For each well class, enter the number of inspections that have been in response to a problem reported to the regulating authority.

Item 3: For each well class, enter the number of inspections of well constructions or any preoperational activities.

Item 4: For each well class, enter the number of inspections of plugging and abandonment.

Item 5: For each well class, enter the number of inspections that have been routine / periodic.

Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

Item A: For each well class, enter the total number of wells (i.e., permitted and rule authorized) that have had a complete MIT this federal fiscal year to date. Enter each well only once.

Item B: For each well class, enter the number of rule authorized wells that have passed a complete MIT and the number that have failed a complete MIT this federal fiscal year to date.

Item C: Significant Leak Tests: (this federal fiscal year to date)

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

Section VII. Summary of Remedial Action

A failure of mechanical integrity (MI) may occur at any time during the life of an injection well. Failure may be identified during an inspection, a field test, an evaluation of well records, or during routine operation of a well. Remedial actions include additional permit conditions, monitoring, or testing.

Item A: For each well class, enter the number of wells that have received remedial actions this federal fiscal year to date. Enter each well only once.

Total Remedial Actions: (this federal fiscal year to date):

Item 1-4: For each well class, enter the number of times that wells have received remedial action.


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OMB No. 2040-0042

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II. Date Prepared (month, day, year) March 08, 2019		III. State Contact (name, telephone no.)		IV. Reporting Period (month, year) From October 1, 2011 To September 30, 2012													
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I	II			III	IV	V											
	SWD 2D	ER 2R	HC 2H														
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected		9	250	165	0	0	1							
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed		7	211	153	0	0	1							
			2. Number of Emergency Response or Complaint Response Inspections		0	0	0	0	0	0							
			3. Number of Well Constructions Witnessed		0	0	0	0	0	0							
			4. Number of Well Pluggings Witnessed		0	0	0	0	0	0							
		5. Number of Routine/Periodic Inspections		2	30	12	0	0	870								
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)		5	174	139	0	0	1							
			B	No. of Rule-Authorized Wells Tested/Evaluated for MIs		Passed 2-part test		0	0	58	0	0	0				
				Failed 2-part test		0	0	0	0	0	0	0					
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations		Well Passed		0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
			2. No. of Casing/Tubing Pressure Tests		Well Passed		6	208	146	0	0	1					
			Well Failed		0	3	7	0	0	0	0						
			3. Number of Monitoring Record Evaluations		Well Passed		0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
			4. No. of Other Significant Leak Tests/Evaluations (Specify)		Well Passed		0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
	For Fluid Migration	D	1. Number of Cement Record Evaluations		Well Passed		0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
			2. Number of Temperature/Noise Log Tests		Well Passed		0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
			3. No. of Radioactive Tracer/Cement Bond Tests		Well Passed		0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
			4. No. of Other Fluid Migration Tests/Evaluations (Specify)		Well Passed		0	0	0	0	0	0					
Well Failed			0	0	0	0	0	0	0								
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action														
	Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions														
			2. Number of Tubing/Packer Remedial Actions														
			3. Number of Plugging/Abandonment Remedial Actions														
		4. Number of Other Remedial Actions (Specify)															
VIII. Remarks/Ad Hoc Report (Attach additional sheets)																	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																	
Signature and Typed or Printed Name and Title of Person Completing Form								Date		Telephone No.							

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Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system. An inspection is complete only when a report has been filed with the primacy agency.

Item A: For each well class, enter the number of wells that have been inspected as of the end of the reporting period. Enter each well only once.

Total Inspections (this federal fiscal year to date):

Item 1: For each well class, enter the number of inspections to witness field Mechanical Integrity Tests. (At least 25% of MITs performed by operators each year should be witnessed.)

Item 2: For each well class, enter the number of inspections that have been in response to a problem reported to the regulating authority.

Item 3: For each well class, enter the number of inspections of well constructions or any preoperational activities.

Item 4: For each well class, enter the number of inspections of plugging and abandonment.

Item 5: For each well class, enter the number of inspections that have been routine / periodic.

Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

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Item B: For each well class, enter the number of rule authorized wells that have passed a complete MIT and the number that have failed a complete MIT this federal fiscal year to date.

Item C: Significant Leak Tests: (this federal fiscal year to date)

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

Section VII. Summary of Remedial Action

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Item A: For each well class, enter the number of wells that have received remedial actions this federal fiscal year to date. Enter each well only once.

Total Remedial Actions: (this federal fiscal year to date):

Item 1-4: For each well class, enter the number of times that wells have received remedial action.


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II. Date Prepared (month, day, year) July 09, 2019		III. State Contact (name, telephone no.)		IV. Reporting Period (month, year) From October 1, 2012 To September 30, 2013																
				Class and Type of Injection Wells																
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Item	I	II			III	IV	V													
		SWD 2D	ER 2R	HC 2H																
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected	4	118	124	0	1	0	1007										
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed	4	108	124	0	1	0	4										
			2. Number of Emergency Response or Complaint Response Inspections	0	0	0	0	0	0	0										
			3. Number of Well Constructions Witnessed	0	0	0	0	0	0	0										
			4. Number of Well Pluggings Witnessed	0	0	0	0	0	0	50										
			5. Number of Routine/Periodic Inspections	2	11	3	0	0	0	0										
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)	22	159	193	0	10	0	5										
		B	No. of Rule-Authorized Wells Tested/Evaluated for MIs	Passed 2-part test	0	0	112	0	0	0	0									
			Failed 2-part test	0	0	4	0	0	0	0										
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations	Well Passed	0	0	1	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			2. No. of Casing/Tubing Pressure Tests	Well Passed	26	162	199	0	6	0	8									
				Well Failed	0	3	4	0	0	0	0									
			3. Number of Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			4. No. of Other Significant Leak Tests/Evaluations (Specify)	Well Passed	0	0	0	0	1	0	0									
				Well Failed	0	0	0	0	0	0	0									
	For Fluid Migration	D	1. Number of Cement Record Evaluations	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			2. Number of Temperature/Noise Log Tests	Well Passed	6	1	1	0	4	0	1									
				Well Failed	0	0	0	0	0	0	0									
			3. No. of Radioactive Tracer/Cement Bond Tests	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
			4. No. of Other Fluid Migration Tests/Evaluations (Specify)	Well Passed	0	0	0	0	0	0	0									
				Well Failed	0	0	0	0	0	0	0									
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Total Remedial Actions		B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions	0	0	2	0	0	0	0										
			2. Number of Tubing/Packer Remedial Actions	0	4	4	0	0	0	0										
			3. Number of Plugging/Abandonment Remedial Actions	0	0	0	0	0	0	0										
			4. Number of Other Remedial Actions (Specify)	0	0	0	0	0	0	0										

VIII. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form

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Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

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Item	I	SWD 2D	ER 2R	HC 2H	III	IV	V														
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected	2	111	88	0	0	0	311											
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed	1	97	88	0	0	0	0											
			2. Number of Emergency Response or Complaint Response Inspections	0	0	0	0	0	0	0											
			3. Number of Well Constructions Witnessed	0	0	0	0	0	0	0											
			4. Number of Well Pluggings Witnessed	0	0	0	0	0	0	54											
			5. Number of Routine/Periodic Inspections	4	15	5	0	0	0	2											
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)	21	157	131	0	11	0	2											
		B	No. of Rule-Authorized Wells Tested/Evaluated for MIs	Passed 2-part test	0	0	59	0	0	0	0										
			Failed 2-part test	0	0	1	0	0	0	0											
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0										
				Well Failed	0	0	0	0	0	0	0										
			2. No. of Casing/Tubing Pressure Tests	Well Passed	23	160	135	0	6	0	3										
				Well Failed	0	3	5	0	0	0	0										
			3. Number of Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0										
				Well Failed	0	0	0	0	0	0	0										
			4. No. of Other Significant Leak Tests/Evaluations (Specify)	Well Passed	0	0	0	0	4	0	0										
				Well Failed	0	0	0	0	0	0	0										
	For Fluid Migration	D	1. Number of Cement Record Evaluations	Well Passed	0	0	0	0	0	0	0										
				Well Failed	0	0	0	0	0	0	0										
			2. Number of Temperature/Noise Log Tests	Well Passed	4	1	3	0	4	0	0										
				Well Failed	0	0	0	0	0	0	0										
			3. No. of Radioactive Tracer/Cement Bond Tests	Well Passed	0	0	0	0	0	0	0										
				Well Failed	0	0	0	0	0	0	0										
			4. No. of Other Fluid Migration Tests/Evaluations (Specify)	Well Passed	0	0	0	0	0	0	0										
Well Failed				0	0	0	0	0	0	0											
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action	0	1	1	0	0	0	1											
	Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions	0	0	0	0	0	0	0											
			2. Number of Tubing/Packer Remedial Actions	0	1	1	0	0	0	1											
			3. Number of Plugging/Abandonment Remedial Actions	0	0	0	0	0	0	0											
			4. Number of Other Remedial Actions (Specify)	0	0	0	0	0	0	0											

 VIII. Remarks/Ad Hoc Report (Attach additional sheets) | | | || **Certification** I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | | | | | | | | | |
| Signature and Typed or Printed Name and Title of Person Completing Form | | | | | | Date | | Telephone No. | |

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Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system. An inspection is complete only when a report has been filed with the primacy agency.

Item A: For each well class, enter the number of wells that have been inspected as of the end of the reporting period. Enter each well only once.

Total Inspections (this federal fiscal year to date):

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Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

Item A: For each well class, enter the total number of wells (i.e., permitted and rule authorized) that have had a complete MIT this federal fiscal year to date. Enter each well only once.

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Item C: Significant Leak Tests: (this federal fiscal year to date)

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

Section VII. Summary of Remedial Action

A failure of mechanical integrity (MI) may occur at any time during the life of an injection well. Failure may be identified during an inspection, a field test, an evaluation of well records, or during routine operation of a well. Remedial actions include additional permit conditions, monitoring, or testing.

Item A: For each well class, enter the number of wells that have received remedial actions this federal fiscal year to date. Enter each well only once.

Total Remedial Actions: (this federal fiscal year to date):

Item 1-4: For each well class, enter the number of times that wells have received remedial action.


Paperwork Reduction Act

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Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042

Approval Expires 4/30/22

 United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 UIC Federal Reporting System Part III: Inspections Mechanical Integrity Testing (This information is solicited under the authority of the Safe Drinking Water Act)				I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604 Michigan DI Program																
II. Date Prepared (month, day, year) March 08, 2019		III. State Contact (name, telephone no.)		IV. Reporting Period (month, year) From October 1, 2014 To September 30, 2015																
				Class and Type of Injection Wells																
				<table border="1"> <tr> <td></td> <td colspan="3">II</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>SWD 2D</td> <td>ER 2R</td> <td>HC 2H</td> <td></td> <td></td> <td></td> </tr> </table>				II							SWD 2D	ER 2R	HC 2H			
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Item	I	SWD 2D	ER 2R	HC 2H	III	IV	V													
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected		6	115	104		1		14									
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed		0	108	107		1		1									
			2. Number of Emergency Response or Complaint Response Inspections		0	0	1		0		0									
			3. Number of Well Constructions Witnessed		0	0	0		0		0									
			4. Number of Well Pluggings Witnessed		0	0	0		0		1									
			5. Number of Routine/Periodic Inspections		8	12	3		0		5									
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)		23	153	123		21		12									
		B	No. of Rule-Authorized Wells Tested/Evaluated for MIs	Passed 2-part test	0	1	67		0		0									
				Failed 2-part test	0	0	2		0		0									
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations	Well Passed	0	0	0		0		0									
				Well Failed	0	0	0		0		0									
			2. No. of Casing/Tubing Pressure Tests	Well Passed	27	159	127		2		8									
				Well Failed	0	2	6		0		0									
			3. Number of Monitoring Record Evaluations	Well Passed	0	0	0		0		0									
				Well Failed	0	0	0		0		0									
			4. No. of Other Significant Leak Tests/Evaluations (Specify)	Well Passed	0	0	0		13		0									
				Well Failed	0	0	0		0		0									
	For Fluid Migration	D	1. Number of Cement Record Evaluations	Well Passed	0	0	0		0		0									
				Well Failed	0	0	0		0		0									
			2. Number of Temperature/Noise Log Tests	Well Passed	5	1	1		16		12									
Well Failed				0	0	0		0		0										
3. No. of Radioactive Tracer/Cement Bond Tests			Well Passed	0	0	0		0		0										
			Well Failed	0	0	0		0		0										
4. No. of Other Fluid Migration Tests/Evaluations (Specify)			Well Passed	0	1	0		0		0										
			Well Failed	0	0	0		0		0										
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action		0	1	0		0		0									
	Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions		0	0	0		0		0									
			2. Number of Tubing/Packer Remedial Actions		0	1	0		0		0									
			3. Number of Plugging/Abandonment Remedial Actions		0	0	0		0		0									
			4. Number of Other Remedial Actions (Specify)		0	0	0		0		0									

VIII. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form

Date

Telephone No.

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Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

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I	II			III	IV	V											
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V. Summary of Inspections	Total Wells	A	Number of Wells Inspected	3	97	77	0	0	0	5							
			1. Number of Mechanical Integrity Tests (MIT) Witnessed	1	98	79	0	0	0	1							
	Total Inspections	B	2. Number of Emergency Response or Complaint Response Inspections	0	0	0	0	0	0	0							
			3. Number of Well Constructions Witnessed	0	0	0	0	0	0	0							
			4. Number of Well Pluggings Witnessed	0	0	0	0	0	0	0							
			5. Number of Routine/Periodic Inspections	0	1	0	0	0	0	3							
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)	21	149	108	0	12	0	5							
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	For Significant Leak	C		1. Number of Annulus Pressure Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0					
			Well Failed		0	0	0	0	0	0	0						
			2. No. of Casing/Tubing Pressure Tests	Well Passed	20	151	109	0	12	0	4						
				Well Failed	0	2	2	0	0	0	0						
			3. Number of Monitoring Record Evaluations	Well Passed	0	0	0	0	0	0	0						
				Well Failed	0	0	0	0	0	0	0						
			4. No. of Other Significant Leak Tests/Evaluations (Specify)	Well Passed	0	0	0	0	2	0	0						
				Well Failed	0	0	0	0	0	0	0						
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				Well Failed	0	0	0	0	0	0	0						
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				Well Failed	0	0	0	0	0	0	0						
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			Well Failed	0	0	0	0	0	0	0							
4. No. of Other Fluid Migration Tests/Evaluations (Specify)			Well Passed	0	2	0	0	0	0	0							
			Well Failed	0	0	0	0	0	0	0							
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action	1	0	2	0	1	0	0							
			Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions	0	0	0	0	0	0	0					
	2. Number of Tubing/Packer Remedial Actions	0			0	1	0	1	0	0							
	3. Number of Plugging/Abandonment Remedial Actions	0			0	0	0	0	0	0							
	4. Number of Other Remedial Actions (Specify)	1			0	1	0	0	0	0							

VIII. Remarks/Ad Hoc Report (Attach additional sheets)									
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I	II			III	IV	V												
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V. Summary of Inspections	Total Wells	A	Number of Wells Inspected		1	51	55		0	0	1							
			Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed		1	52	57		0	0	0					
					2. Number of Emergency Response or Complaint Response Inspections		0	0	0		0	0	0					
					3. Number of Well Constructions Witnessed		0	0	0		0	0	0					
					4. Number of Well Pluggings Witnessed		0	0	0		0	0	0					
					5. Number of Routine/Periodic Inspections		0	0	0		0	0	1					
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)		6	108	77		1	0	0							
			B	No. of Rule-Authorized Wells Tested/Evaluated for MIs		Passed 2-part test	0	0	39		0	0	0					
	For Significant Leak	C		1. Number of Annulus Pressure Monitoring Record Evaluations		Well Passed	1	0	0		0	0	0					
					Well Failed	0	0	0		0	0	0						
			2. No. of Casing/Tubing Pressure Tests		Well Passed	6	114	77		1	0	0						
					Well Failed	0	0	2		0	0	0						
			3. Number of Monitoring Record Evaluations		Well Passed	0	0	1		0	0	0						
					Well Failed	0	0	0		0	0	0						
			4. No. of Other Significant Leak Tests/Evaluations (Specify)		Well Passed	0	0	0		0	0	0						
					Well Failed	0	0	0		0	0	0						
			For Fluid Migration	D	1. Number of Cement Record Evaluations		Well Passed	0	0	0		0	0	0				
							Well Failed	0	0	0		0	0	0				
					2. Number of Temperature/Noise Log Tests		Well Passed	0	0	0		0	0	0				
							Well Failed	0	0	0		0	0	0				
	3. No. of Radioactive Tracer/Cement Bond Tests				Well Passed	0	0	0		0	0	0						
					Well Failed	0	0	0		0	0	0						
	4. No. of Other Fluid Migration Tests/Evaluations (Specify)				Well Passed	0	1	0		0	0	0						
					Well Failed	0	0	0		0	0	0						
	VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action		1	3	0		0	0	0						
				Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions		0	0	0		0	0	0				
2. Number of Tubing/Packer Remedial Actions						2	3	0		0	0	0						
3. Number of Plugging/Abandonment Remedial Actions						0	0	0		0	0	0						
4. Number of Other Remedial Actions (Specify)						0	0	0		0	0	0						
VIII. Remarks/Ad Hoc Report (Attach additional sheets)																		
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																		
Signature and Typed or Printed Name and Title of Person Completing Form								Date		Telephone No.								

Instructions and Definitions

All reporting is cumulative over the fiscal year, and includes activities from October 1 - September 30. All fields should contain a value. Do not leave blank fields. Enter 0 if there are no wells affected or no activities that occurred pertaining to the information requested. Enter NA if the field or section is not applicable to the submitter (e.g., the well type is not overseen by the submitter). Enter U if the information is unknown or not captured; fields designated as U require explanation.

Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system. An inspection is complete only when a report has been filed with the primacy agency.

Item A: For each well class, enter the number of wells that have been inspected as of the end of the reporting period. Enter each well only once.

Total Inspections (this federal fiscal year to date):

Item 1: For each well class, enter the number of inspections to witness field Mechanical Integrity Tests. (At least 25% of MITs performed by operators each year should be witnessed.)

Item 2: For each well class, enter the number of inspections that have been in response to a problem reported to the regulating authority.

Item 3: For each well class, enter the number of inspections of well constructions or any preoperational activities.

Item 4: For each well class, enter the number of inspections of plugging and abandonment.

Item 5: For each well class, enter the number of inspections that have been routine / periodic.

Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

Item A: For each well class, enter the total number of wells (i.e., permitted and rule authorized) that have had a complete MIT this federal fiscal year to date. Enter each well only once.

Item B: For each well class, enter the number of rule authorized wells that have passed a complete MIT and the number that have failed a complete MIT this federal fiscal year to date.

Item C: Significant Leak Tests: (this federal fiscal year to date)

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

Section VII. Summary of Remedial Action

A failure of mechanical integrity (MI) may occur at any time during the life of an injection well. Failure may be identified during an inspection, a field test, an evaluation of well records, or during routine operation of a well. Remedial actions include additional permit conditions, monitoring, or testing.

Item A: For each well class, enter the number of wells that have received remedial actions this federal fiscal year to date. Enter each well only once.

Total Remedial Actions: (this federal fiscal year to date):

Item 1-4: For each well class, enter the number of times that wells have received remedial action.

Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 5 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042 Approval Expires 4/30/22

<p>United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460</p> <p>UIC Federal Reporting System Part III: Inspections Mechanical Integrity Testing (This information is solicited under the authority of the Safe Drinking Water Act)</p>				<p>I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604</p> <p>Michigan DI Program</p>																					
<p>II. Date Prepared (month, day, year) April 10, 2019</p>			<p>III. State Contact (name, telephone no.) Jill Dean 2025648241</p>		<p>IV. Reporting Period (month, year)</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">From October 1, 2017</td> <td style="width: 50%;">To September 30, 2018</td> </tr> </table>				From October 1, 2017	To September 30, 2018															
From October 1, 2017	To September 30, 2018																								
				Class and Type of Injection Wells																					
				<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td colspan="4" style="text-align: center; border-bottom: 1px solid black;">II</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">I</td> <td style="text-align: center; border-bottom: 1px solid black;">SWD 2D</td> <td style="text-align: center; border-bottom: 1px solid black;">ER 2R</td> <td style="text-align: center; border-bottom: 1px solid black;">HC 2H</td> <td style="text-align: center; border-bottom: 1px solid black;">III</td> <td style="text-align: center; border-bottom: 1px solid black;">IV</td> <td style="text-align: center; border-bottom: 1px solid black;">V</td> <td></td> </tr> </table>							II							I	SWD 2D	ER 2R	HC 2H	III	IV	V	
	II																								
I	SWD 2D	ER 2R	HC 2H	III	IV	V																			
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected		7	26	38	0	4	0	106														
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed		7	26	38	0	4	0	2														
			2. Number of Emergency Response or Complaint Response Inspections		0	0	0	0	0	0	0														
			3. Number of Well Constructions Witnessed		0	0	0	0	0	0	0														
			4. Number of Well Pluggings Witnessed		0	0	0	0	0	0	0														
			5. Number of Routine/Periodic Inspections		0	0	0	0	0	0	106														
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)		0	112	109	0	0	0	4														
		B	No. of Rule-Authorized Wells Tested/Evaluated for MIs																						
			Passed 2-part test		0	0	0	0	0	0	0														
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations		Well Passed	0	0	0	0	0	0	0													
					Well Failed	0	0	0	0	0	0	0													
			2. No. of Casing/Tubing Pressure Tests		Well Passed	6	110	108	0	5	0	3													
					Well Failed	0	0	0	0	0	0	0													
			3. Number of Monitoring Record Evaluations		Well Passed	0	0	0	0	0	0	0													
					Well Failed	0	0	0	0	0	0	0													
			4. No. of Other Significant Leak Tests/Evaluations (Specify)		Well Passed	0	2	1	0	1	0	0													
					Well Failed	0	0	0	0	0	0	0													
			For Fluid Migration	D	1. Number of Cement Record Evaluations		Well Passed	0	0	0	0	0	0	0											
							Well Failed	0	0	0	0	0	0	0											
					2. Number of Temperature/Noise Log Tests		Well Passed	2	0	0	0	6	0	1											
							Well Failed	0	0	0	0	0	0	0											
					3. No. of Radioactive Tracer/Cement Bond Tests		Well Passed	0	0	0	0	0	0	0											
							Well Failed	0	0	0	0	0	0	0											
					4. No. of Other Fluid Migration Tests/Evaluations (Specify)		Well Passed	3	0	0	0	0	0	0											
Well Failed	0	0					0	0	0	0	0														
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action		0	0	0	0	0	0	0														
	Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions		0	0	0	0	0	0	0														
			2. Number of Tubing/Packer Remedial Actions		0	0	0	0	0	0	0														
			3. Number of Plugging/Abandonment Remedial Actions		0	0	0	0	0	0	0														
			4. Number of Other Remedial Actions (Specify)		0	0	0	0	0	0	0														
	<p>VIII. Remarks/Ad Hoc Report (Attach additional sheets)</p>																								
<p>Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>																									
Signature and Typed or Printed Name and Title of Person Completing Form								Date		Telephone No.															


Notes

No. of Other Significant Leak Tests/Evaluations (Specify)
3 fall off tests, 1 brine interface for Class 3

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042

Approval Expires 4/30/22

 United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 UIC Federal Reporting System Part II: Compliance Evaluation (This information is solicited under the authority of the Safe Drinking Water Act)			I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604 Michigan DI Program								
II. Date Prepared (month, day, year) March 08, 2019			III. State Contact (name, telephone no.)			IV. Reporting Period (month, year) From October 1, 2009 To September 30, 2010					
					Class and Type of Injection Wells						
					II						
					I	SWD 2D	ER 2R	HC 2H	III	IV	V
V. Summary of Violations	Total Wells	A	Number of Wells with Violations	2	324	66	0	2		222	
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	0	0	0	0	0		
			2. Number of Mechanical Integrity Violations	1	51	79	0	2	0		
			Number of Operation and Maintenance Violations	0	5	2	0	0	0		
			4. Number of Plugging and Abandonment Violations	0	0	0	0	0	0		
			5. Number of Monitoring and Reporting Violations	1	22	3	0	0	1		
			6. Number of Other Violations (Specify)	0	48	1	0	0	221		
VI. Summary of Enforcement	Total Wells	A	Number of Wells with Enforcement Actions	1	161	47	0	2		1	
	Total Enforcement Actions	B	1. Number of Notices of Violation	1	41	4	0	0	1		
			2. Number of Consent Agreements	0	0	0	0	0	0		
			3. Number of Administrative Orders	0	0	0	0	0	0		
			4. Number of Civil Referrals	0	0	0	0	0	0		
			5. Number of Criminal Referrals	0	0	0	0	0	0		
			6. Number of Well Shut-ins	0	19	41	0	2	0		
			7. Number of Pipeline Severances	0	0	0	0	0	0		
8. Number of Other Enforcement Actions (Specify)	0	0	0	0	0	0					
VII. Summary of Compliance	Number of Wells Returned to Compliance	A. This Quarter									
		B. This Year		2	78	64	0	1	139		
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0	0	0	0		
IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			100	86	78	0	50	100		
X. Remarks/Ad Hoc Report (Attach additional sheets)											
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.											
Signature and Typed or Printed Name and Title of Person Completing Form								Date	Telephone No.		


Notes

Number of Other Violations (Specify)
active 5x28, late MIT, TA>2y

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042

Approval Expires 4/30/22

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II. Date Prepared (month, day, year) March 08, 2019			III. State Contact (name, telephone no.)			IV. Reporting Period (month, year) From October 1, 2010 To September 30, 2011				
Item				Class and Type of Injection Wells						
				II				III	IV	V
I	SWD 2D	ER 2R	HC 2H							
V. Summary of Violations	Total Wells	A	Number of Wells with Violations	0	13	2	0	0	0	26
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	0	0	0	0	0	0
			2. Number of Mechanical Integrity Violations	0	10	2	0	0	0	0
			Number of Operation and Maintenance Violations	0	0	0	0	0	0	0
			4. Number of Plugging and Abandonment Violations	0	0	0	0	0	0	0
			5. Number of Monitoring and Reporting Violations	0	3	0	0	0	0	0
			6. Number of Other Violations (Specify)	0	0	0	0	0	0	0
VI. Summary of Enforcement	Total Wells	A	Number of Wells with Enforcement Actions	0	7	2	0	0	0	0
	Total Enforcement Actions	B	1. Number of Notices of Violation	0	7	2	0	0	0	0
			2. Number of Consent Agreements	0	0	0	0	0	0	0
			3. Number of Administrative Orders	0	0	0	0	0	0	0
			4. Number of Civil Referrals	0	0	0	0	0	0	0
			5. Number of Criminal Referrals	0	0	0	0	0	0	0
			6. Number of Well Shut-ins	0	10	0	0	0	0	0
			7. Number of Pipeline Severances	0	0	0	0	0	0	0
			8. Number of Other Enforcement Actions (Specify)	0	0	0	0	0	0	0
VII. Summary of Compliance	Number of Wells Returned to Compliance	A. This Quarter								
		B. This Year		6	76	74	0	0	0	24
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0	0	0	0	0
IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			100	50	100	100	100	100	100
X. Remarks/Ad Hoc Report (Attach additional sheets)										
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Instructions and Definitions

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A Class I, II, III, IV, or V injection well with a violation of a permit or rule requirement is said to be in noncompliance. Note: A well with certain types of violations may also be in significant noncompliance. (See Form 7520-2B (reverse) for definitions of SNC violations.)

Section V. Summary of Violations

(Includes all noncompliance; significant and non-significant)

A. Total Wells: For each well class, enter the number of wells with one or more violations in this federal fiscal year to date. Enter each well only once. Include all wells with violations, even those with violations that have been returned to compliance.

B. Total Violations:

Items 1-6: For each well class, enter the number of times each violation type has been identified this federal fiscal year to date.

Section VI. Summary of Enforcement

A. Total Wells: For each well class, enter the number of wells with one or more violations that have been addressed by the specific type of enforcement action in this federal fiscal year to date. Enter each well only once.

B. Total Enforcement Actions:

Items 1-8: For each well class, enter the number of times wells with one or more violations have been addressed by the specific type of enforcement action indicated in the row, in this federal fiscal year to date. (Count each draft and final Administrative Order.)

Section VII. Number of Wells Returned to Compliance

A "Well Returned to Compliance" is a well that has all underlying violations resolved and compliance has been verified by the primacy program. Note: An enforcement action alone (e.g., well shut-in) does not constitute a "return to compliance;" however, plugging and abandonment does constitute a return to compliance.

A. For each well class, enter the number of wells returned to compliance through the second quarter for midyear reporting and through the fourth quarter for end of the year reporting.

B. For each well class, enter the number of wells returned to compliance through the second quarter for midyear reporting and through the fourth quarter for end of the end of year reporting.

Section VIII. USDW Contaminations

For each well class, enter the number of times a well in noncompliance has allegedly contaminated an underground source of drinking water (USDW) this federal fiscal year to date.

Section IX. Percent of MIT Violations Resolved in 90 Days

For each well class, enter the percentage of MIT violations resolved within 90 days as of the end of the reporting period.

- Mechanical Integrity violations are as defined in Section V, under "Mechanical Integrity."
- Resolved is defined as returned to compliance (per Section VII).
- MI violations not associated with loss of mechanical integrity (such as reporting) are not counted under this section.
- Violations occurring WITHIN 90 days of September 30 should be included in reporting for the following federal fiscal year.

To calculate the percentage:

- Add up the total number of MIT violations that occurred within a one year period prior to 90 days before the end of the fiscal year reporting cycle i.e., 6/30.
- Add up the number of these violations that were resolved within 90 days as of 3/31 (for midyear reporting) or as of 9/30 (for end of year reporting).
- Calculate the percentage of total MIT violations that were resolved in 90 days or less.

Example for Midyear reporting:

- Number of violations that occurred from 7/1 - 3/31 = 8
- Number of these violations resolved within 90 days as of 3/31 = 2
- Percentage of MIT violation resolved within 90 days = 25%

Example for End of Year reporting:


- Number of MIT violations that occurred from 7/1 - 6/30 = 10
 - 8 from midyear plus 2 additional (4/1 to 6/30)
- Number of these violations resolved within 90 days as of 9/30 = 5
 - 2 (from midyear) + 3 (from 4/1 to 6/30)
- Percentage of MIT resolved within 90 days by 9/30 = 50%

Paperwork Reduction Act

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			II																										
			I	SWD 2D	ER 2R	HC 2H	III	IV	V																				
<p>V. Summary of Violations</p>	Total Wells	A	Number of Wells with Violations	1	49	22	0	1	0	128																			
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	0	0	0	0	0	0																			
			2. Number of Mechanical Integrity Violations	1	23	18	0	0	0	0																			
			Number of Operation and Maintenance Violations	0	4	3	0	1	0	0																			
			4. Number of Plugging and Abandonment Violations	0	0	0	0	0	0	0																			
			5. Number of Monitoring and Reporting Violations	0	22	1	0	0	0	0																			
			6. Number of Other Violations (Specify)	0	0	0	0	0	0	128																			
<p>VI. Summary of Enforcement</p>	Total Wells	A	Number of Wells with Enforcement Actions	0	21	4	0	1	0	0																			
	Total Enforcement Actions	B	1. Number of Notices of Violation	0	21	4	0	1	0	0																			
			2. Number of Consent Agreements	0	0	0	0	0	0	0																			
			3. Number of Administrative Orders	0	0	0	0	0	0	0																			
			4. Number of Civil Referrals	0	0	0	0	0	0	0																			
			5. Number of Criminal Referrals	0	0	0	0	0	0	0																			
			6. Number of Well Shut-ins	0	0	0	0	0	0	0																			
			7. Number of Pipeline Severances	0	0	0	0	0	0	0																			
			8. Number of Other Enforcement Actions (Specify)	0	0	0	0	0	0	0																			
<p>VII. Summary of Compliance</p>	<p>Number of Wells Returned to Compliance</p>		A. This Quarter																										
			B. This Year	1	38	13	0	0	0	0																			
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0	0	0	0	0																			
IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			100	100	100	100	100	100	0																			
<p>X. Remarks/Ad Hoc Report (Attach additional sheets)</p>																													
<p>Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>																													
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Section V. Summary of Violations

(Includes all noncompliance; significant and non-significant)

A. Total Wells: For each well class, enter the number of wells with one or more violations in this federal fiscal year to date. Enter each well only once. Include all wells with violations, even those with violations that have been returned to compliance.

B. Total Violations:

Items 1-6: For each well class, enter the number of times each violation type has been identified this federal fiscal year to date.

Section VI. Summary of Enforcement

A. Total Wells: For each well class, enter the number of wells with one or more violations that have been addressed by the specific type of enforcement action in this federal fiscal year to date. Enter each well only once.

B. Total Enforcement Actions:

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- Resolved is defined as returned to compliance (per Section VII).
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- Violations occurring WITHIN 90 days of September 30 should be included in reporting for the following federal fiscal year.

To calculate the percentage:

- Add up the total number of MIT violations that occurred within a one year period prior to 90 days before the end of the fiscal year reporting cycle i.e., 6/30.
- Add up the number of these violations that were resolved within 90 days as of 3/31 (for midyear reporting) or as of 9/30 (for end of year reporting).
- Calculate the percentage of total MIT violations that were resolved in 90 days or less.

Example for Midyear reporting:

- Number of violations that occurred from 7/1 - 3/31 = 8
- Number of these violations resolved within 90 days as of 3/31 = 2
- Percentage of MIT violation resolved within 90 days = 25%

Example for End of Year reporting:


- Number of MIT violations that occurred from 7/1 - 6/30 = 10
 - 8 from midyear plus 2 additional (4/1 to 6/30)
- Number of these violations resolved within 90 days as of 9/30 = 5
 - 2 (from midyear) + 3 (from 4/1 to 6/30)
- Percentage of MIT resolved within 90 days by 9/30 = 50%

Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 6 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042 Approval Expires 4/30/22

 United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 UIC Federal Reporting System Part II: Compliance Evaluation (This information is solicited under the authority of the Safe Drinking Water Act)			I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604 Michigan DI Program																	
II. Date Prepared (month, day, year) July 09, 2019			III. State Contact (name, telephone no.)			IV. Reporting Period (month, year) From October 1, 2012 To September 30, 2013														
			Class and Type of Injection Wells																	
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Item	I	II			III	IV	V													
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V. Summary of Violations	Total Wells	A	Number of Wells with Violations	0	11	4	0	0	0	0										
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	1	0	0	0	0	0										
			2. Number of Mechanical Integrity Violations	0	9	3	0	0	0	0										
			Number of Operation and Maintenance Violations	0	0	0	0	0	0	0										
			4. Number of Plugging and Abandonment Violations	0	1	0	0	0	0	0										
			5. Number of Monitoring and Reporting Violations	0	0	0	0	0	0	0										
			6. Number of Other Violations (Specify)	0	0	1	0	0	0	0										
VI. Summary of Enforcement	Total Wells	A	Number of Wells with Enforcement Actions	0	8	8	0	0	0	0										
	Total Enforcement Actions	B	1. Number of Notices of Violation	0	1	0	0	0	0	0										
			2. Number of Consent Agreements	0	0	4	0	0	0	0										
			3. Number of Administrative Orders	0	0	0	0	0	0	0										
			4. Number of Civil Referrals	0	0	0	0	0	0	0										
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VII. Summary of Compliance	Number of Wells Returned to Compliance		A. This Quarter																	
			B. This Year	0	6	9	0	0	0	0										
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IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			0	50	40	0	0	0	0										
X. Remarks/Ad Hoc Report (Attach additional sheets)																				
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																				
Signature and Typed or Printed Name and Title of Person Completing Form								Date	Telephone No.											

Instructions and Definitions

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(Includes all noncompliance; significant and non-significant)

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OMB No. 2040-0042

Approval Expires 4/30/22

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 - 2 (from midyear) + 3 (from 4/1 to 6/30)
- Percentage of MIT resolved within 90 days by 9/30 = 50%


Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 6 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

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OMB No. 2040-0042

Approval Expires 4/30/22

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Items 1-8: For each well class, enter the number of times wells with one or more violations have been addressed by the specific type of enforcement action indicated in the row, in this federal fiscal year to date. (Count each draft and final Administrative Order.)

Section VII. Number of Wells Returned to Compliance

A "Well Returned to Compliance" is a well that has all underlying violations resolved and compliance has been verified by the primacy program. Note: An enforcement action alone (e.g., well shut-in) does not constitute a "return to compliance;" however, plugging and abandonment does constitute a return to compliance.

A. For each well class, enter the number of wells returned to compliance through the second quarter for midyear reporting and through the fourth quarter for end of the year reporting.

B. For each well class, enter the number of wells returned to compliance through the second quarter for midyear reporting and through the fourth quarter for end of the end of year reporting.

Section VIII. USDW Contaminations

For each well class, enter the number of times a well in noncompliance has allegedly contaminated an underground source of drinking water (USDW) this federal fiscal year to date.

Section IX. Percent of MIT Violations Resolved in 90 Days

For each well class, enter the percentage of MIT violations resolved within 90 days as of the end of the reporting period.

- Mechanical Integrity violations are as defined in Section V, under "Mechanical Integrity."
- Resolved is defined as returned to compliance (per Section VII).
- MI violations not associated with loss of mechanical integrity (such as reporting) are not counted under this section.
- Violations occurring WITHIN 90 days of September 30 should be included in reporting for the following federal fiscal year.

To calculate the percentage:

- Add up the total number of MIT violations that occurred within a one year period prior to 90 days before the end of the fiscal year reporting cycle i.e., 6/30.
- Add up the number of these violations that were resolved within 90 days as of 3/31 (for midyear reporting) or as of 9/30 (for end of year reporting).
- Calculate the percentage of total MIT violations that were resolved in 90 days or less.

Example for Midyear reporting:

- Number of violations that occurred from 7/1 – 3/31 = 8
- Number of these violations resolved within 90 days as of 3/31 = 2
- Percentage of MIT violation resolved within 90 days = 25%

Example for End of Year reporting:


- Number of MIT violations that occurred from 7/1 – 6/30 = 10
 - 8 from midyear plus 2 additional (4/1 to 6/30)
- Number of these violations resolved within 90 days as of 9/30 = 5
 - 2 (from midyear) + 3 (from 4/1 to 6/30)
- Percentage of MIT resolved within 90 days by 9/30 = 50%

Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 6 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042 Approval Expires 4/30/22

 United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 UIC Federal Reporting System Part II: Compliance Evaluation (This information is solicited under the authority of the Safe Drinking Water Act)			I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604 Michigan DI Program																		
II. Date Prepared (month, day, year) April 10, 2019			III. State Contact (name, telephone no.) Jill Dean 2025648241		IV. Reporting Period (month, year) From October 1, 2017 To September 30, 2018																
				Class and Type of Injection Wells																	
				<table border="1"> <tr> <th rowspan="2">Item</th> <th rowspan="2">I</th> <th colspan="3">II</th> <th rowspan="2">III</th> <th rowspan="2">IV</th> <th rowspan="2">V</th> </tr> <tr> <th>SWD 2D</th> <th>ER 2R</th> <th>HC 2H</th> </tr> </table>							Item	I	II			III	IV	V	SWD 2D	ER 2R	HC 2H
Item	I	II			III	IV	V														
		SWD 2D	ER 2R	HC 2H																	
V. Summary of Violations	Total Wells	A	Number of Wells with Violations	1	99	10	0	1	0	1											
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	13	0	0	0	0	0											
			2. Number of Mechanical Integrity Violations	0	68	10	0	1	0	0											
			Number of Operation and Maintenance Violations	1	0	0	0	0	0	0											
			4. Number of Plugging and Abandonment Violations	0	0	0	0	0	0	1											
			5. Number of Monitoring and Reporting Violations	0	38	0	0	0	0	0											
			6. Number of Other Violations (Specify)	0	33	0	0	0	0	0											
VI. Summary of Enforcement	Total Wells	A	Number of Wells with Enforcement Actions	1	99	10	0	1	0	1											
	Total Enforcement Actions	B	1. Number of Notices of Violation	1	5	0	0	0	0	1											
			2. Number of Consent Agreements	0	0	0	0	0	0	0											
			3. Number of Administrative Orders	0	8	0	0	0	0	0											
			4. Number of Civil Referrals	0	0	0	0	0	0	0											
			5. Number of Criminal Referrals	0	0	0	0	0	0	0											
			6. Number of Well Shut-ins	0	61	10	0	1	0	0											
			7. Number of Pipeline Severances	0	0	0	0	0	0	0											
			8. Number of Other Enforcement Actions (Specify)	0	1	0	0	0	0	0											
VII. Summary of Compliance	Number of Wells Returned to Compliance	A. This Quarter																			
		B. This Year	0	1	10	0	1	0	0												
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0	0	0	0	0											
IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			0	0	0	0	0	0	0											
X. Remarks/Ad Hoc Report (Attach additional sheets)																					
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																					
Signature and Typed or Printed Name and Title of Person Completing Form Jill Dean, Physical Scientist							Date 08/06/2019		Telephone No. 2025648241												


Notes

Number of Other Violations (Specify)
13 falsify; 20 signature

Number of Other Enforcement Actions (Specify)
NOI

Please type or print all information. Please read instructions on reverse.

OMB No. 2040-0042 Approval Expires 4/30/22

 United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 UIC Federal Reporting System Part II: Compliance Evaluation (This information is solicited under the authority of the Safe Drinking Water Act)			I. Name and Address of Reporting Agency U.S. Environmental Protection Agency Region 5 77 West Jackson Boulevard Chicago, IL 60604 Michigan DI Program																
II. Date Prepared (month, day, year) September 24, 2019			III. State Contact (name, telephone no.) Valoria Robinson 3128864281			IV. Reporting Period (month, year) From October 1, 2018 To March 31, 2019													
			Class and Type of Injection Wells																
			<table border="1"> <tr> <th rowspan="2">I</th> <th colspan="3">II</th> <th rowspan="2">III</th> <th rowspan="2">IV</th> <th rowspan="2">V</th> </tr> <tr> <th>SWD 2D</th> <th>ER 2R</th> <th>HC 2H</th> </tr> </table>							I	II			III	IV	V	SWD 2D	ER 2R	HC 2H
I	II			III	IV	V													
	SWD 2D	ER 2R	HC 2H																
V. Summary of Violations	Total Wells	A	Number of Wells with Violations	2	16	11	0	0	0	1									
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	0	0	0	0	0	0									
			2. Number of Mechanical Integrity Violations	2	16	11	0	0	0	1									
			Number of Operation and Maintenance Violations	0	0	0	0	0	0	0									
			4. Number of Plugging and Abandonment Violations	0	0	0	0	0	0	0									
			5. Number of Monitoring and Reporting Violations	0	0	0	0	0	0	0									
			6. Number of Other Violations (Specify)	0	0	0	0	0	0	0									
VI. Summary of Enforcement	Total Wells	A	Number of Wells with Enforcement Actions	2	23	11	0	0	0	0									
	Total Enforcement Actions	B	1. Number of Notices of Violation	0	7	0	0	0	0	0									
			2. Number of Consent Agreements	0	0	0	0	0	0	0									
			3. Number of Administrative Orders	0	0	0	0	0	0	0									
			4. Number of Civil Referrals	0	0	0	0	0	0	0									
			5. Number of Criminal Referrals	0	0	0	0	0	0	0									
			6. Number of Well Shut-Ins	0	0	0	0	0	0	0									
			7. Number of Pipeline Severances	0	0	0	0	0	0	0									
			8. Number of Other Enforcement Actions (Specify)	2	16	11	0	0	0	0									
VII. Summary of Compliance	Number of Wells Returned to Compliance	A. This Quarter	2	14	10	0	0	0	50										
		B. This Year																	
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0	0	0	0	0									
IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			0	0	0	0	0	0	0									
X. Remarks/Ad Hoc Report (Attach additional sheets)																			
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																			
Signature and Typed or Printed Name and Title of Person Completing Form Valoria Robinson							Date 09/24/2019		Telephone No. 3128864281										

Notes

Number of Other Enforcement Actions (Specify)
Cease Injection Letters